

DATA SHEET

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Aluminium adhesive foil 0.14 mm

Self-adhesive pure aluminium foil

- Flame-retardant according to DIN 4102
- Not susceptible to moisture
- High ageing resistance
- High shear strength, even at fluctuating temperatures
- High mechanical strength
- Very high adhesive strength (including to film and foam) and high initial adhesive strength

Applications

- ▶ Cold storage insulation, cold room construction
- ▶ Sauna construction
- ▶ Cellar and wet room protection
- ▶ Roof waterproofing
- ▶ Ventilation lines, air-conditioning ducts
- ▶ Apparatus construction
- ▶ Window construction

Technical data

Material:	Pure aluminium, flexible, smooth; and synthetic rubber adhesive
Backing:	Adhesive-repellent PE-film
Thickness:	Aluminium approx. 100 μm (0.100 mm) Adhesive approx. 40 μm (0.040 mm) Total approx. 140 μm (0.140 mm)
Width:	max. 1.000 mm (narrow rolls available)
Length:	50 m
Elongation at break:	>12%
Breaking strength:	>80 N/cm (DIN EN 14410)
Adhesive strength on steel:	min. 8.0 N/cm
Heat resistance:	-40°C to +80°C
Building material class:	Low flammability (DIN 4102 B1)
Water vapour permeability:	<1 g/m ² /d = practically impermeable to water vapour, however, no sealing in floor construction (DIN 18195 T4)
Environment:	The product does not contain harmful substances. Dispose of small amounts of waste as residual waste and in accordance with local regulations.
Notes:	Avoid damage through mechanical fixings
Storage:	at approx. 20°C-25°C and relative humidity not exceeding 65%

The above values are intended as a guide or have been obtained under laboratory conditions and do not constitute any guarantee of product properties. We recommend carrying out preliminary tests to check that our products are suitable for use with other products. Under our General Terms and Conditions, we guarantee consistently high product quality, but due to the many possible applications we cannot accept any liability for specific results in practical applications. This data sheet supersedes any previous versions.